

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claim 2, AMEND claims 1, 3, 4 and 6-11, and ADD new claim 12 in accordance with the following:

1. (CURRENTLY AMENDED) A computer readable recording medium storing a program for causing a computer to perform ~~the steps of~~:

~~(a)~~-causing a unit to be displayed on the basis of assembly data and parts data in response to a display request, the parts data including data about shapes of parts and version information about versions of the parts, the assembly data defining a structure of the unit formed by one or more parts; and

~~(b)~~-assigning the version information about all parts that form the unit displayed to the assembly data, where the version information is assigned to the assembly data when the assembly data and parts data of the unit displayed are stored in a storage unit.

2. (CANCELLED)

3. (CURRENTLY AMENDED) The computer readable recording medium as claimed in claim 1, wherein:

the parts data includes those of different versions; and

~~the step (a)causing the unit to be displayed on the basis of assembly data and parts data~~ includes acquiring ~~acquires~~ parts data of a version that is the same as that assigned to the assembly data in response to the display request and ~~causing~~ causes the unit based on the parts data thus acquired to be displayed.

4. (CURRENTLY AMENDED) The computer readable recording medium as claimed in claim 3, further comprising ~~a step of~~ causing the parts of the unit to be emphatically displayed on the basis of parts data of a version different from a latest version when the display request is directed to states of parts at registration of the parts data.

5. (ORIGINAL) The computer readable recording medium as claimed in claim 1, wherein part of the parts data is sub-assembly data that defines a sub-unit formed by one or more other parts.

6. (CURRENTLY AMENDED) The computer readable recording medium as claimed in claim 5, further comprising ~~the steps of~~:

causing the sub-unit defined in the sub-assembly data specified in the display request to be displayed; and

assigning version information about the parts that form the sub-unit displayed to the sub-assembly data specified in the display request.

7. (CURRENTLY AMENDED) The computer readable recording medium as claimed in claim 5, further comprising ~~a step of~~ updating, in response to an at-registration information updating request, the version information about the assembly data and the sub-assembly data having a lower structure with respect to the assembly data to latest versions thereof.

8. (CURRENTLY AMENDED) The computer readable recording medium as claimed in claim 1, further comprising ~~a step of~~ assigning initialized version information to a copy of the assembly data when the copy of the assembly data is made.

9. (CURRENTLY AMENDED) The computer readable recording medium as claimed in claim 1, further comprising ~~a step of~~ diverting, when the assembly data used to form a first product is diverted to a second product, the version information about the assembly data of the first product to diverted assembly data of the second product.

10. (CURRENTLY AMENDED) A CAD data management apparatus managing CAD data, comprising:

data storage means for storing parts data including data about shapes of parts and version information about versions of the parts, the assembly data defining a structure of a unit including one or more parts;

display control means for acquiring, in response to a display request, the assembly data and the parts data of the parts that form a unit from the data storage means and causing the unit defined in the assembly data to be displayed; and

version information assigning means for assigning the assembly data the version

information about all parts that form the unit displayed by the display control means, where the version information is assigned to the assembly data when the assembly data and parts data of the unit displayed are stored in a storage unit.

11. (CURRENTLY AMENDED) A CAD data management method for managing CAD data, comprising ~~the steps of~~:

(a) causing a unit to be displayed on the basis of assembly data and parts data in response to a display request, the parts data including data about shapes of parts and version information about versions of the parts, the assembly data defining a structure of the unit formed by one or more parts; and

(b) assigning the version information about all parts that form the unit displayed to the assembly data, where the version information is assigned to the assembly data when the assembly data and parts data of the unit displayed are stored in a storage unit.

12. (NEW) A method of managing computer-aided design data, comprising:
displaying a unit based on assembly data and parts data, the parts data including information related to shapes of each of the parts and version information related to each of the parts; and

assigning the version information related to the parts to the assembly data, the assembly data forming a structure of the unit formed by the parts.